

Amendments to the Claims:

Below is a listing of all claims showing markings of amendments according to the USPTO's Revised Amendment Format.

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1. (Currently Amended) A method for calculating a measure in a database having a plurality of stars, each of the stars comprising a fact table[,] and a table for each supported dimension, and a set of dimension indicators, wherein each of the dimension indicators is associated with a particular dimension and each dimension indicator indicates a level of aggregation of at least one associated aggregated fact table comprising aggregated facts with respect to the particular dimension ~~whereby the dimension indicator indicates a level of aggregation associated-~~, said the method comprising:

selecting a stargroup associated with the measure, ~~said the~~ stargroup comprising one or more stars; ~~comprising a set of dimension indicators, each of said dimension indicators associated with a particular dimension, and wherein each dimension indicator indicates a level of aggregation of an associated table comprising aggregated facts with respect to the associated dimension;~~

selecting a particular star of the one or more stars by comparing one or more dimension indicators of the one or more stars to one or more requested levels; and querying the associated aggregated fact tables comprising the aggregated facts.

2. (Canceled)

3. (Currently Amended) The method of claim 2 [[1]], wherein comparing the one or more dimension indicators of each of the one or more stars to the one or more requested levels further comprises[[÷]] successively comparing the requested levels to the dimension indicators of each of the one or more of the stars, wherein each star is associated with a table of aggregated facts of successively lower aggregation.

4. (Currently Amended) The method of claim 2 [[1]], wherein selecting the particular star further comprises [[÷]] selecting the particular star wherein ~~each~~ at least one of the

dimension indicators of the particular star is equal to or exceed~~[[s]]~~ each at least one of the requested levels.

5. (Currently Amended) The method of claim 1, further comprising:
receiving a request for calculating a metric, wherein ~~said~~ the request to calculate a the
metric is associated with one or more levels of one or more dimensions; and
retrieving a metric definition associated with the metric, wherein the metric definition
comprises the measure.
6. (Currently Amended) A computer-readable medium carrying one or more
sequences of instructions for calculating measures, ~~said~~ the instructions comprising:
selecting a stargroup associated with the measure, ~~said~~ the stargroup comprising one or
more stars comprising a set of dimension indicators, wherein each of ~~said~~ the
dimension indicators ~~[[is]]~~ associated with a particular dimension~~[[,]]~~ and ~~wherein~~
each dimension indicator indicates a level of aggregation of an associated table
comprising aggregated facts with respect to the ~~associated~~ particular dimension;
selecting a particular star of the one or more stars by comparing one or more dimension
indicators of each of the one or more stars to one or more requested levels; and
querying the associated aggregated fact tables comprising the aggregated facts ~~and~~
~~associated dimensions~~.
7. (Canceled)
8. (Currently Amended) The computer readable medium of claim 7 ~~[[6]]~~, wherein
the instructions for comparing one or more dimension indicators of each of the one or more stars
to one or more requested levels further comprises instructions for ~~[[;]]~~ successively comparing
the requested levels to the set of dimension indicators of each of the one or more of the stars,
wherein each star is associated with a table of aggregated facts of successively lower
aggregation.
9. (Currently Amended) The computer readable medium of claim 7 ~~[[6]]~~, wherein
the instructions for selecting the particular star further comprises instructions for ~~[[;]]~~ selecting

the particular star wherein ~~each~~ at least one of the dimension indicators of the particular star is equal to or exceed[[s]] each of the requested levels.

AI 10. (Currently Amended) The computer readable medium of claim 6, wherein the sequences of instructions further comprise:

receiving a request for calculating a metric, wherein ~~said~~ the request to calculate a the metric is associated with one or more levels of one or more dimensions; and
retrieving a metric definition associated with the metric, wherein the metric definition comprises the measure.

11. (Currently Amended) A system for calculating measures, ~~said~~ the system comprising:

a first memory means for storing a star identifier identifying a star associated with a particular fact table; and
a second memory means for storing an array of dimension indicators.

12. (Currently Amended) The system of claim 11, further comprising:
a third memory means for storing ~~the~~ an aggregate fact table, wherein the aggregate fact table is aggregated with respect to at least one dimension at a particular level.

13. (Original) The system of claim 12, wherein at least one of the dimension indicators corresponds to the at least one dimension, and wherein at least one indicator is indicative of the particular level.

14. (Currently Amended) The system of claim 11, further comprising:
a first plurality of memory means, wherein each of the first plurality of memory means stores a first corresponding plurality of stars, wherein each of the first corresponding plurality of stars is associated with a corresponding one of a first plurality of aggregate fact tables, and wherein each of the first plurality of aggregate fact tables support[[s]] a first measure;

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a second plurality of memory means, wherein each of the second plurality of memory means stores a corresponding one of a first plurality arrays for storing dimension indicators.

15. (Currently Amended) The system of claim 14, wherein the first plurality of memory means stores the first corresponding plurality of stars based on the a degree of aggregation of the first plurality of aggregate fact tables associated therewith.

16. (Currently Amended) The system of claim 14, further comprising:
a third plurality of memory means, wherein each of the third ~~second~~ plurality of memory means stores a second corresponding plurality of stars, wherein each of the second corresponding plurality of stars is associated with a corresponding one of a second plurality of aggregate fact tables, and wherein each of the second plurality of aggregate fact tables support[[s]] a second measure;
a fourth plurality of memory means, wherein each of the fourth plurality of memory means stores a corresponding one of a second plurality arrays for storing dimension indicators.
